Form 3160-3 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

5. Lease Serial No. UTU0343

APPLICATION FOR PERMIT	6. If Indian, Allottee or Tribe Name		
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name CHAPITA WELLS UNI	and No.
1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Oth	er Single Zone	Lease Name and Well No.     CHAPITA WELLS UNIT 747-0	)7
	MARY A. MAESTAS aestas@eogresources.com	9. API Well No. 43-047-399	41
3a. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES/WASA	ATCH
4. Location of Well (Report location clearly and in accorda	11. Sec., T., R., M., or Blk. and Sur	vey or Area	
At surface SWSE 604FSL 1866FEL 40.04493 N Lat, 109.36691 W Lon		Sec 7 T9S R23E Mer SLB	
At proposed prod. zone SWSE 604FSL 1866FEL 4			
<ol> <li>Distance in miles and direction from nearest town or post of 50.2 MILES SOUTH OF VERNAL, UT</li> </ol>	12. County or Parish UINTAH COUNTY	13. State UT	
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 604¹</li> </ol>	16. No. of Acres in Lease 632.00	17. Spacing Unit dedicated to this w	vell
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth	20. BLM/BIA Bond No. on file	2000
47'	7320 MD	NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 4892 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	
		· ·	· · · · · · · · · · · · · · · · · · ·

#### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
   A Drilling Plan.
   A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above)
- Operator certification
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 02/01/2008
Title REGULATORY ASSISTANT		
Approved by Signature	Name (Printed/Typed)  BRADLEY G. HILL	Date 02-1(-08
Title	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #58393 verified by the BLM Well information System For EOG RESOURCES, INC., sent to the Vernal

639376X

Federal Approval of this Action is Necessary

40.045605

109.3667

\*\*OPERATOR-SUBMITTED \*\*OPERATOR-SUBMITTED \*\*OPERATOR-SUBMITTED \*\*

EOG RESOURCES. INC. T9S, R23E, S.L.B.&M. Well location, CWU #747-7, located as shown in the SW 1/4 SE 1/4 of Section 7, T9S, R23E, S89'07'14"E - 2574.64' (Meas.) S.L.B.&M. Uintah County, Utah. S89°52'59"E - 2644.86' (Meas.) 1977 Brass Cap. 1977 Brass Cap 1977 Brass Cap. 0.7' High, Set Stone 0.5' High, Pile of Stones BASIS OF ELEVATION LOT 1 BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR. GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET. M<u>. 60,00.00</u>0 M\_6£,50.00N LOT 2 1977 Brass Cap. 1977 Brass Cap. 0.5' High, Post 0.4' High LOT 3 2638.09' 2641.69 THIS IS TO CERTIFY THAT VOO 07'28'E CWU #747-7 FIELD NOTES OF ACTUAL SE SUPERVISION AND THAT THE Elev. Graded Ground = 4892 BEST OF MY KNOWLEDGE LOT 4 1866' 1977 Brass Cap, Flush With Pile 1977 Brass Cap. of Stones 0.7' High, Set N88°53'51"W - 2580.41' (Meas.) S89'49'04"E - 2653.56' (Meas.) Stone 1977 Bross Cap. UINTAH ENGINEERING & LAND SURVEYING 1.0' High, Steel BASIS OF BEARINGS Post, Pile of 85 SOUTH 200 EAST - VERNAL, UTAH 84078 BASIS OF BEARINGS IS A G.P.S. OBSERVATION. Stones (435) 789-1017 (NAD 83) LEGEND: SCALE DATE SURVEYED: DATE DRAWN: LATITUDE =  $40^{\circ}02'41.74"$  (40.044928) 1" = 1000'01 - 02 - 0801-09-08 LONGITUDE =  $109^{\circ}22^{\circ}00.88^{\circ}$  (109.366911) = 90° SYMBOL PARTY REFERENCES (NAD 27) D.S. C.C. G.L.O. PLAT = PROPOSED WELL HEAD. LATITUDE =  $40^{\circ}02'41.87''$  (40.044964) WEATHER FILE LONGITUDE =  $109^{\circ}21^{\circ}58.43^{\circ}$  (109.366231) = SECTION CORNERS LOCATED. COLD EOG RESOURCES, INC.

# CHAPITA WELLS UNIT 747-07 SW/SE, SEC. 7, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

Primary Primary Primary Primary	Shale Sandstone Sandstone Sandstone Sandstone Sandstone Sandstone	Gas Gas Gas Gas
Primary Primary	Sandstone Sandstone Sandstone	Gas Gas
Primary	Sandstone Sandstone	Gas
·	Sandstone	
Primary		Gas
	Sandstone	
		1

Estimated TD: 7,320' or 200'± TD

Anticipated BHP: 3,997 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

## 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig BOP schematic diagrams attached.

# 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	<u>Thread</u>	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 1/2"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0 - 2,300, KB±	9-5/8''	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production '	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note:  $12^{-1/4}$ " surface hole will be drilled to a total depth of  $200^{\circ}$  below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{8}$ " as shown to that depth. Drilled depth may be shallower or deeper than the  $2300^{\circ}$  shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

# CHAPITA WELLS UNIT 747-07 SW/SE, SEC. 7, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

### 5. Float Equipment:

# Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

## 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

# **CHAPITA WELLS UNIT 747-07** SW/SE, SEC. 7, T9S, R23E, S.L.B.&M.. **UINTAH COUNTY, UTAH**

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

#### 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

#### 9. <u>CEMENT PROGRAM</u>:

#### **Surface Hole Procedure (Surface - 2300'±):**

Lead:

185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3

<sup>1</sup>/<sub>4</sub> #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail:

207 sks Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

#### **Production Hole Procedure (2300'± - TD)**

Lead:

145 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

# CHAPITA WELLS UNIT 747-07 SW/SE, SEC. 7, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

Tail:

**522** sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### 10. ABNORMAL CONDITIONS:

#### **Surface Hole (Surface - 2300'±):**

Lost circulation

#### **Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

#### 13. AIR DRILLING OPERATIONS:

- Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.

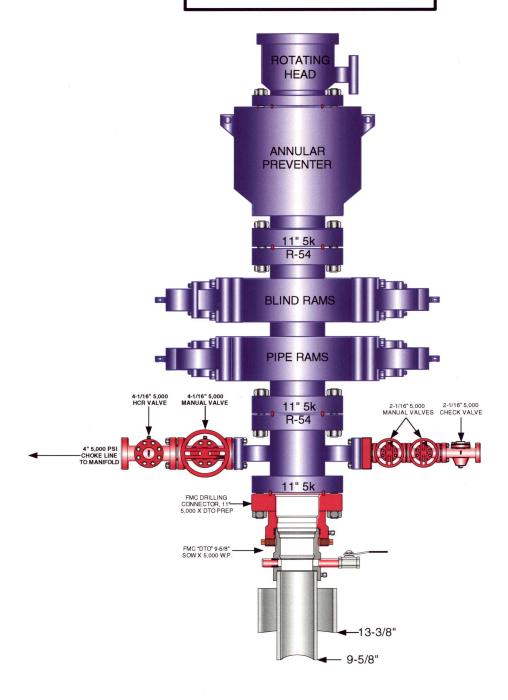
# CHAPITA WELLS UNIT 747-07 SW/SE, SEC. 7, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

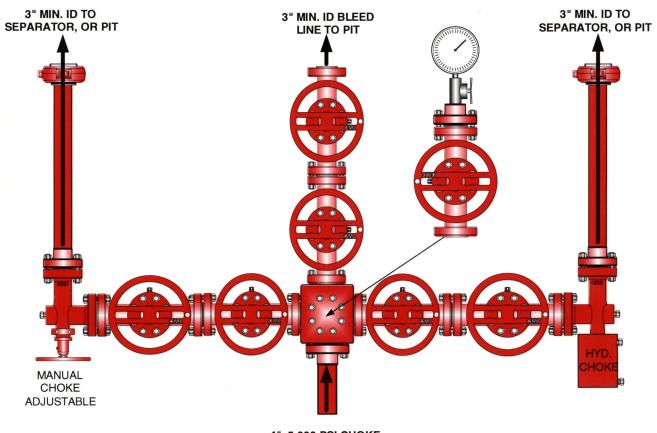
# EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



#### PAGE 2 0F 2

# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES



#### 4" 5,000 PSI CHOKE LINE FROM HCR VALVE

#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



# Chapita Wells Unit 747-07 SWSE, Section 7, T9S, R23E Uintah County, Utah

#### SURFACE USE PLAN

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. New surface disturbance associated with the well pad is estimated to be 2.25 acres.

#### 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 50.2 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The existing access road for the Chapita Wells Unit 1047-07 will be used to access the proposed location. No new road will be required.
- B. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

1. No new off-pad pipeline will be required. The existing pipeline for the Chapita Wells Unit 1047-07 will be used to transport gas from the proposed location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon or Covert Green. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.

- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the south corner of the location. The flare pit will be located downwind of the prevailing wind direction on the southwest side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil south of corner #6. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

The corners of the well pad will be rounded off as needed to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

#### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	9.0
Prostrate Kochia	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs/acre PLS*)
Wyoming Big Sage	1.0
Black Sage	2.0
Shadscale	3.0
Needle and Threadgrass	3.0
Hycrest Wheatgrass	1.0
Scarlet Globe Mallow	1.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

#### **Bureau of Land Management**

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places:
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontological survey was conducted and will be submitted by Intermountain Paleo.

#### **Additional Surface Stipulations:**

None.

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Mary A. Maestas EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

#### **CERTIFICATION:**

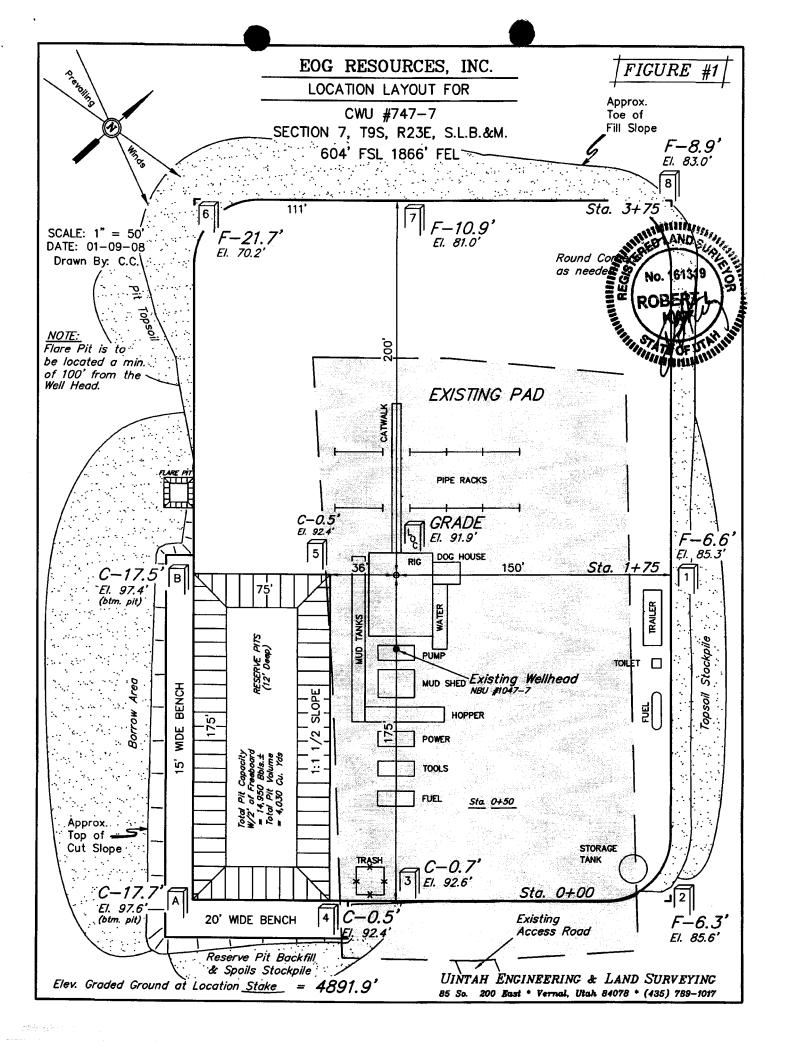
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

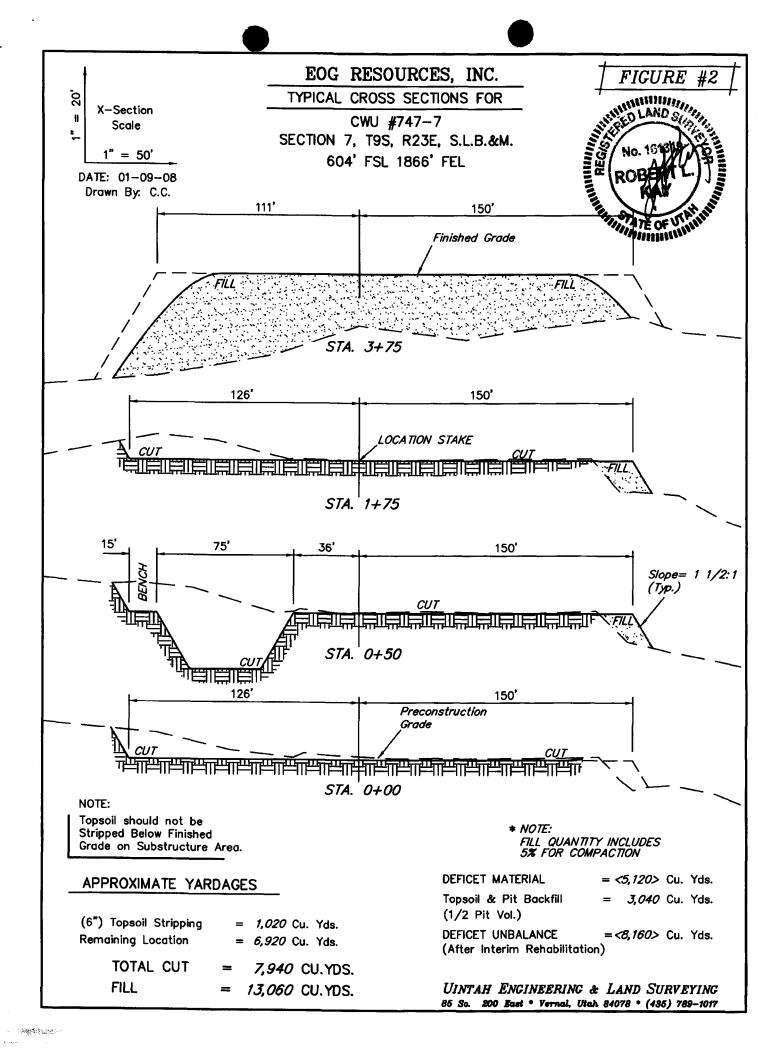
Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 747-07 Well, located in the SWSE, of Section 7, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

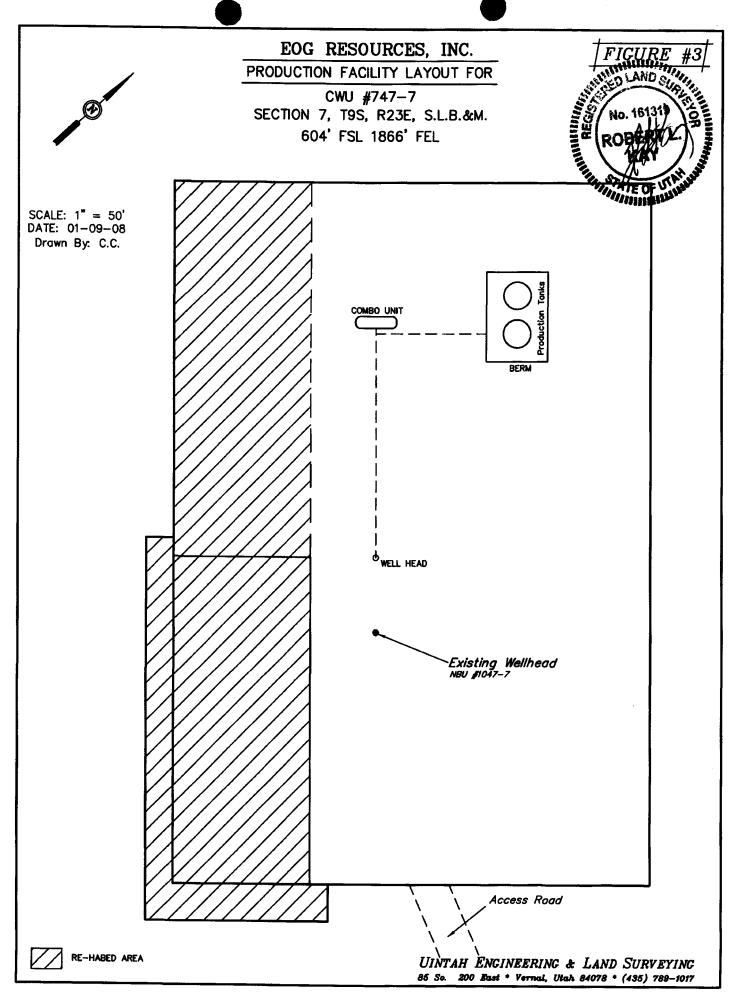
February	1.	2008	
Date			

Mary A. Maestas, Regulatory Assistant

Date of onsite: January 24, 2008







# EOG RESOURCES, INC. CWU #747-7

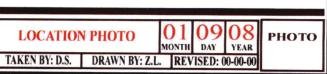
LOCATED IN UINTAH COUNTY, UTAH **SECTION 7, T9S, R23E, S.L.B.&M.** 

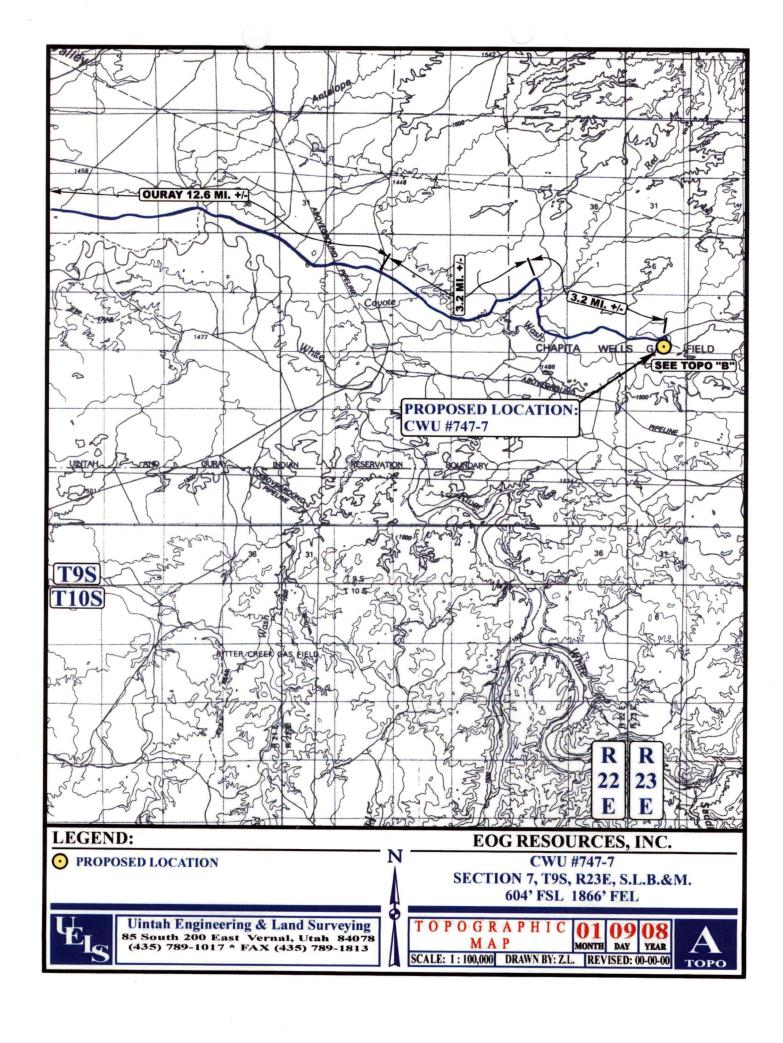


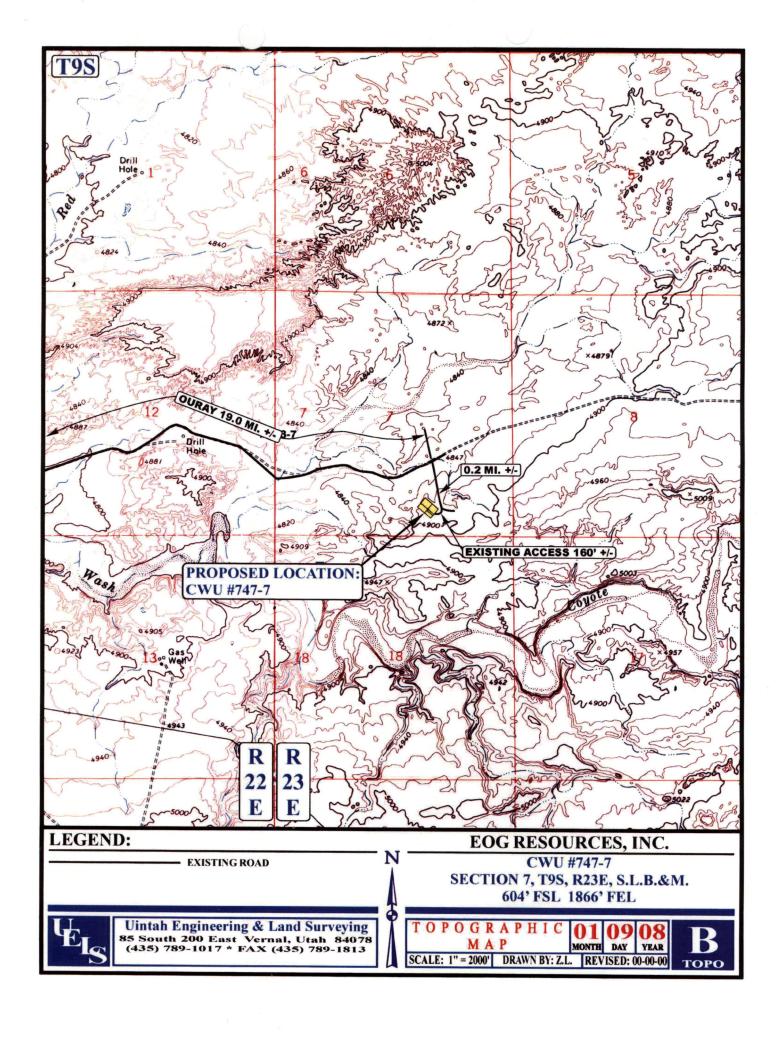
PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

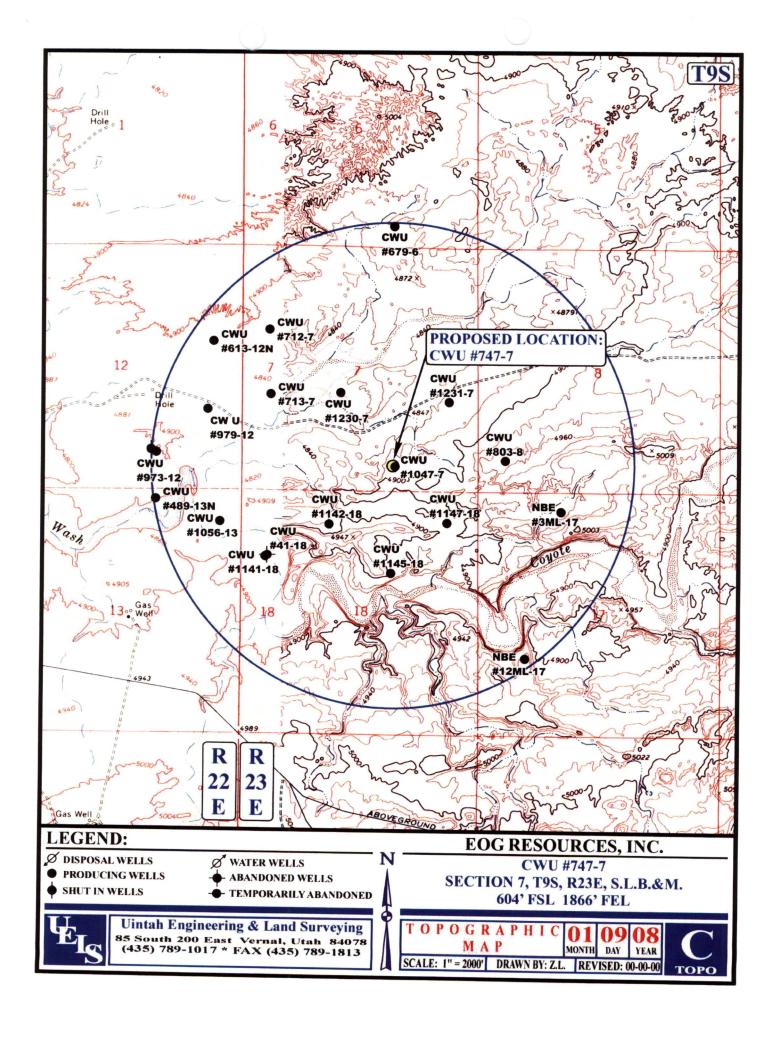
**CAMERA ANGLE: NORTHEASTERLY** 







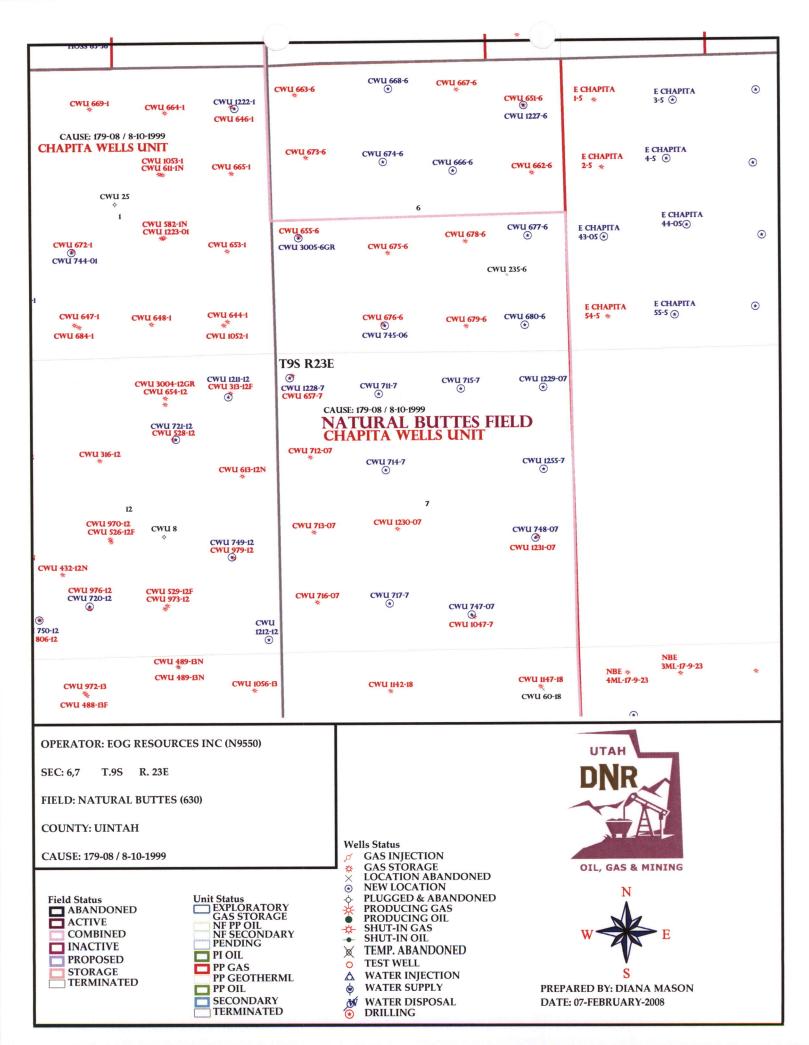






# APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/04/2008	API NO. ASSIGNED: 43-047-39941
WELL NAME: CWU 747-07  OPERATOR: EOG RESOURCES, INC. ( N9550 )  CONTACT: MARY MAESTAS	PHONE NUMBER: 303-824-5526
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
SWSE 07 090S 230E SURFACE: 0604 FSL 1866 FEL	Tech Review Initials Date
BOTTOM: 0604 FSL 1866 FEL	Engineering
COUNTY: UINTAH	Geology
LATITUDE: 40.04501 LONGITUDE: -109.3662 UTM SURF EASTINGS: 639376 NORTHINGS: 44338	Surface
FIELD NAME: NATURAL BUTTES ( 630  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU0343  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: WSTC COALBED METHANE WELL? NO
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM 2308  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-225  RDCC Review (Y/N)  (Date:  Pee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3.  Unit: CHAPITA WELLS R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No:
STIPULATIONS:	ggren



# **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

February 8, 2008

#### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ Wasatch)

43-047-39936 CWU 740-03 Sec 03 T09S R22E 0589 FNL 2072 FWL 43-047-39937 CWU 741-03 Sec 03 T09S R22E 0868 FSL 0503 FWL 43-047-39938 CWU 754-10 Sec 10 T09S R22E 2414 FNL 0308 FWL 43-047-39935 CWU 744-01 Sec 01 T09S R22E 1941 FSL 1776 FWL 43-047-39934 CWU 759-25 Sec 25 T09S R22E 0650 FNL 1834 FEL 43-047-39939 CWU 745-06 Sec 06 T09S R23E 0490 FSL 1959 FWL 43-047-39940 CWU 748-07 Sec 07 T09S R23E 1960 FSL 0702 FEL 43-047-39941 CWU 747-07 Sec 07 T09S R23E 0604 FSL 1866 FEL

This office has no objection to permitting the wells at this time.

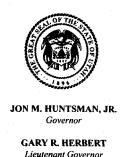
/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:2-8-08



# State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA
Division Director

February 11, 2008

EOG Resources, Inc. 600 17th St., Ste. 1000N Denver, CO 80202

Re:

Chapita Wells Unit 747-07 Well, 604' FSL, 1866' FEL, SW SE, Sec. 7, T. 9 South, R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39941.

Sincerely,

Gil Hunt

**Associate Director** 

High of

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc.			
Well Name & Number	Chapita Wells	Unit 747-07		
<b>API Number:</b> 43-047-39941				
Lease:	UTU0343			
Location: SW SE	Sec. 7	T. 9 South	R. 23 East	

## **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

BUREAU OF LAND N	5. Lease Serial No. UTU0343	· · · · · · · · · · · · · · · · · · ·		
APPLICATION FOR PERMIT	TO DRILL OR REEN	TER	6. If Indian, Allottee or Tribe	Name
la. Type of Work: 🛛 DRILL 🔲 REENTER			7. If Unit or CA Agreement, N UTU63013X	lame and No.
lb. Type of Well: ☐ Oil Well     Gas Well ☐ Oth	ner 🙀 Single Zor	ne Multiple Zone	8. Lease Name and Well No. CWU 747-07	
	MARY A. MAESTAS aestas@eogresources.com		9. API Well No.  43-0-47-2	39941
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area Ph: 303-824-5526	code)	10. Field and Pool, or Explora NATURAL BUTTES	tory
4. Location of Well (Report location clearly and in accorda	nce with any State requiremen	nts.*)	11. Sec., T., R., M., or Blk. ar	nd Survey or Area
At surface SWSE 604FSL 1866FEL 4 At proposed prod. zone SWSE 604FSL 1866FEL 4	•		Sec 7 T9S R23E Mer SME: BLM	SLB
<ol> <li>Distance in miles and direction from nearest town or post off</li> <li>MILES SOUTH OF VERNAL, UT</li> </ol>	ice*		12. County or Parish UINTAH	13. State UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>604'</li> </ol>	16. No. of Acres in Lease 631.68		17. Spacing Unit dedicated to	this well
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 47'  19. Proposed Depth 7320 MD			20. BLM/BIA Bond No. on fi NM2308	le
21. Elevations (Show whether DF, KB, RT, GL, etc. 4892 GL	22. Approximate date work	will start	23. Estimated duration 45 DAYS	
	24. Attachm	nents		
The following, completed in accordance with the requirements of C	Inshore Oil and Gas Order No.	1, shall be attached to this f	orm:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office</li> </ol>	Lands, the 5.	Item 20 above). Operator certification	s unless covered by an existing b rmation and/or plans as may be r	·
25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526			Date 02/01/2008
Title REGULATORY ASSISTANT				
Approved by (Signature)	Name (Printed/Typed)	•		Date
by hemistraid Haracas	JERM KEN	VOZKA		4-18-2008
Lands & Mineral Resources	Office VERNAL F	ELD OFFICE	•	
Application approval does not warrant or certify the applicant hold operations thereon.  Conditions of approval, if any, are attached.	s legal or equitable title to those	e rights in the subject lease v		,
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, mr. States any false, fictitious or fraudulent statements or representation	ake it a crime for any person ki	nowingly and willfully to ma	ke to any department or agency	of the United

Additional Operator Remarks (see next page)

MAY 08 2008

Electronic Submission #58393 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal DIV. OF OIL, GAS & MINING Committed to AFMSS for processing by CINDY SEVERSON on 02/01/2008 (08CXS0091AE)

UDDG M TICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NOS 01/18/2008

086XJ1577AE Posted 1/18/08



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP Location: SWSE, Sec. 7, T9S, R23E Well No: CWU 747-07 Lease No: UTU-0343

API No: 43-047- 39941 Agreement: Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
Supervisory NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction	-	Forty-Eight (48) hours prior to construction of location and
(Notify Environmental Scientist)		access roads.
Location Completion	-	Prior to moving on the drilling rig.
(Notify Environmental Scientist)		
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		latidatik basalank k <u>ab</u> le <u>datam</u>
Casing String & Cementing	_	Twenty-Four (24) hours prior to running casing and
(Notify Supv. Petroleum Tech.)		cementing all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for
		more than ninety (90) days.

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

### **Site Specific Conditions of Approval**

• Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this would include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:

#### 9 lbs of HyCrest Wheat grass and 3 lbs of Kochia

- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.
- All the culverts would be installed according to the BLM Gold Book.
- The road and well pad will have road base on the surface.
- Bury pipeline at all low water crossings.
- Permission from an authorized BLM representative would be required if construction or other operations occur during wet conditions that would lead to excessive rutting.
- Permission to clear all wildlife stipulations would only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
- Culverts and gravel may be installed as needed.
- Fill should not exceed the stakes at corners 6,7 and 8.

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

• Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.

COA specification is consistent with operators performance standard stated in APD.

- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.
- All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
- A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- Onshore Order no. #2 Drilling Operations III. E. 1.
- All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling. variance(s) to Onshore Order #2 Drilling Operations III. E. requirement for deduster equipment requirement waived for deduster equipment
- Deduster equipment capabilities described by operator as function performed by continuous sprayer water mist automatic igniter or continuous pilot light on the blooie line requirement waived for ignitor and pilot light operators blooie line output fluid stream is an incombustible aerated water system blooie line fire prevention and suppression function operation achieved thru continuous aerated
  - o water fluid stream flow
  - o compressors located in opposite direction from the blooie line a minimum of 100 feet
  - Compressors are truck mounted. Operators standard practice is to rig up with truck mounted compressors oriented ninety degrees to blooie line. Compressors are truck mounted with spark arresters.
- Conductor casing shall be set into competent formation at a depth of 60 ft, plus or minus 10 ft.
- COA specification is consistent with operators performance standard (operators shallow surface operations covered in part 13 Air Drilling Operations) stated in APD.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

Page 4 of 7 Well: CWU 747-07 4/18/2008

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
   Engineers until the well is completed.

Page 5 of 7 Well: CWU 747-07 4/18/2008

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.

Page 6 of 7 Well: CWU 747-07 4/18/2008

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
  Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
  Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day

Page 7 of 7 Well: CWU 747-07 4/18/2008

period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3160-5 (August 2007)

### UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

В	UREAU OF LAND MANA	GEMENT			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<i>tuly 51</i> , 2010
	NOTICES AND REPO				5. Lease Serial No. UTU0343	
Do not use the abandoned we	is form for proposals to II. Use form 3160-3 (AP	odrill or to re PD) for such p	-enter an proposals.		6. If Indian, Allottee o	r Tribe Name
SUBMIT IN TRI	PLICATE - Other instru	ctions on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELI	ement, Name and/or No. LS UNI
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Otl	her				8. Well Name and No. CHAPITA WELLS	
Name of Operator     EOG RESOURCES, INC.	Contact: E-Mail: mary_mae	MARY A. MA estas@eogreso			9. API Well No. 43-047-39941	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	000N	3b. Phone No Ph: 303-82	o. (include area cod 24-5526	e)	10. Field and Pool, or NATURAL BUT	
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	n)			11. County or Parish,	and State
Sec 7 T9S R23E SWSE 604F 40.04493 N Lat, 109.36691 W					UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ С	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Produc	tion (Start/Resume)	■ Water Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	☐ Reclam	ation	■ Well Integrity
Subsequent Report	Casing Repair	□ Nev	v Construction	☐ Recom	plete	Other
☐ Final Abandonment Notice	☐ Change Plans	🗖 Plug	g and Abandon	☐ Tempo	rarily Abandon	Well Spud
	☐ Convert to Injection	🗖 Plug	g Back	■ Water 1	Disposal	
following completion of the involved testing has been completed. Final Al determined that the site is ready for f.  The referenced well spud on '	bandonment Notices shall be fil inal inspection.) 10/14/2008.	sults in a multip led only after all	le completion or rec requirements, inclu	completion in a	new interval, a Form 316 n, have been completed,	0-4 shall be filed once and the operator has
14. I hereby certify that the foregoing is	Electronic Submission a	#63922 verified	by the BLM We INC., sent to the	ell Information e Vernal	System	
Name / Duinted / Town J. BAADS/ A		<b></b>	1	LATORY AS	CICTANIT	
Name (Printed/Typed) MARY A.	MAESTAS		THE REGU	LATURT AS	515 TAIN I	1.120.0
Signature W (Flectronic S	Submission		Date 10/15/	2008		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
_Approved By	<del>_</del>		Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the applic	uitable title to those rights in th		Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent						agency of the United

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* 2008

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FN	JTI	TV	' Δ	CT	U F	·	RM

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

state CO zip 80202 Phone Number: (303) 824-5526

#### Well 1

API Number	Wel	l Name	QQ	Sec	Twp	Rng	County
43-047-39593	CWU 1180-14		NWNE	14	98	22E	Uintah
Action Code	Current Entity Number	New Entity Number	S	pud Da	le		tity Assignment Effective Date
В	99999	13650	10	0/14/200	08	10	128/08

#### Well 2

API Number	Wei	l Name	QQ	Sec	Twp	Rng	County
43-047-39941	CWU 747-07		SWSE	7	98	23E	Uintah
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		tity Assignment Effective Date
₽ A	99999	17167	1	0/14/20	08	101	28/08
Comments: Was	atch well hot	in PA					

### Well 3

API Number	Wel	l Name	QQ	Sec	Twp	Rng	County
43-047-39062	CWU 1212-12		SESE	12	98	22E	Uintah
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		tity Assignment Effective Date
В	99999	4905	1	0/15/20	08	10	7/38/08
Comments: Was	atch well		-				<del>/                                    </del>

- **ACTION CODES:** A - Establish new entity for new well (single well only)
  - B Add new well to existing entity (group or unit well)
  - Re-assign well from one existing entity to another existing entity
  - Re-assign well from one existing entity to a new entity
  - E Other (Explain in 'comments' section)

RECEIVED OCT 2 8 2008

Mary A. Maestas

Name (Please Print)

Title

Signature Regulatory Assistant

10/15/2008

Date

(5/2000)

Form 3160-5 August 2007)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	)
OMB NO. 1004-013:	5
Expires: July 31, 201	0

SUNDRY I	NOTICES AND REPOR	TS ON WE	ELLS		5. Lease Serial No. UTU0343		
Do not use this	s form for proposals to d I. Use form 3160-3 (APD)	Irill or to re-	enter an		6. If Indian, Allottee or	r Tribe	Name
SUBMIT IN TRIE	PLICATE - Other instructi	ions on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELL	ment,	Name and/or No.
Type of Well     Oil Well	er				8. Well Name and No. CHAPITA WELLS	UNIT	747-07
Name of Operator     EOG RESOURCES, INC.	Contact: N E-Mail: MICKENZIE	IICKENZIE _THACKER@	THACKER EOGRESOURC	ES.COM	9. API Well No. 43-047-39941		
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		3b. Phone No Ph: 453-78	. (include area code 1-9145	)	10. Field and Pool, or NATURAL BUT	Explora TES	atory
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)				11. County or Parish, a	and Sta	te
Sec 7 T9S R23E SWSE 604F3 40.04493 N Lat, 109.36691 W					UINTAH COUN	TY, U	Т
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHER	R DA	TA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION			
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	□ <i>\</i>	Water Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	□ /	Well Integrity
Subsequent Report	Casing Repair	□ New	Construction	☐ Recomp	olete		Other
☐ Final Abandonment Notice	☐ Change Plans	🗖 Plug	and Abandon	☐ Tempor	arily Abandon	Pro	duction Start-up
	Convert to Injection	Plug	Back	■ Water I	Disposal		
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi The referenced well was turne report for drilling and completion.	k will be performed or provide the operations. If the operation result operation result of the control of the c	ne Bond No. or lts in a multipl l only after all lease see th	n file with BLM/BIA e completion or rec requirements, include the attached open	A. Required sul ompletion in a r ling reclamation	bsequent reports shall be new interval, a Form 316 n, have been completed, a	filed w 0-4 sha	rithin 30 days Ill be filed once
, , , , ,	Electronic Submission #6		by the BLM WellinC., sent to the		System		
Name (Printed/Typed) MICKENZ	IE THACKER		Title OPERA	ATIONS CLE	RK		
Signature William Signature	ubmistrally.		Date 01/20/2	2009			
	THIS SPACE FOR	R FEDERA	L OR STATE	OFFICE U	SE		
Approved By			Title				Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the s		Office				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s					ake to any department or	agency	of the United

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

### WELL CHRONOLOGY REPORT

Report Generated On: 01-16-2009

				Teport Ge	atte	. On: 01 10 20				
Well Name	CW	/U 747-07		Well Type	DE'	VG	Div	ision	DENVER	
Field	СН	APITA WELI	LS	API#	43-	-047-39941	We	II Class	1SA	
County, Stat	te Un	NTAH, UT		Spud Date	11-	-12-2008	Cla	ss Date	01-14-2009	,
Tax Credit	N			TVD / MD	7,32	20/ 7,320	Pro	perty#	062291	
Water Deptl	<b>h</b> 0			Last CSG	2.37	75	Sho	e TVD / MD	5,173/5,173	
KB / GL Ele	ev 4,9	05/ 4,892								
Location	Sec	ction 7, T9S, R	R23E, SWSE,	604 FSL & 1866	FEL					
Event No	1.0			Description	DR	ILL & COMPLETE	3			
Operator	EO	G RESOURC	ES, INC	WI %	100	.0	NR	I %	81.75	
AFE No		304961		AFE Total		1,303,600	DI	IC / CWC	694,700/	608,900
Rig Contr	ELE	NBURG	Rig Name	ELENBU	JRG #28	Start Date	02-28-20	008 Release	e Date 11	-16-2008
02-28-2008	8 R	eported By	Ü							
DailyCosts:		\$0		Comr	oletion	\$0		Daily Total	\$0	
Cum Costs:	_	\$0		_	oletion	\$0		Well Total	\$0	
MD	0	TVD	0	Progress	0	Days	0 M		Visc	0.0
Formation :		140	<b>PBTD</b> : 0.	_	v	Perf:	· WI		epth: 0.0	0.0
Activity at 1		me: LOCAT				1 (11 ,		IKKD	ери . 0.0	
-	End		ctivity Desci	rintion						
06:00	06:00		OCATION DA							
				6' FEL (SW/SE)						
		SE	ECTION 7, T9	S, R23E						
		UI	NTAH COUN	NTY, UTAH						
				LONG 109.3669		•				
		LA	XI 40.044964,	LONG 109.3662	31 (NAD	(27)				
		EL	LENBURG #2	8						
				320' MD/TVD, W	/ASATCF	Ī				
			W/GAS	· · · · · · · · · · · · · · · · · · ·						
				HAPITA WELLS	S PROSPI	ECT				
			D&A: NATUR							
			ATURAL BUT							
		T T	A CITY TIRRY I	22.42						
			EASE: UTU-(		1901 02 10	DED CI (DITETO)	OUNDNO	DDED CT 10 4000	)) 4005' KB (	121)
		EL	.cva.iun: 4	091.9 NAI GL, 4	1071.7 F1	REP GL (DUE TO I	MILITARIO	1 AEF OL 13 4892	, ) <del>4303</del> KB (.	13 )
		EC	OG BPO WI 1	00%, NRI 81.75%	6					

EOG APO WI 50%, NRI 43.5%

TERRY CSERE

10-08-2008

Reported By

DailyCosts: Drilling	\$75,000		Con	npletion	\$0		Dail	y Total	\$75,000	
Cum Costs: Drilling	\$75,000		Con	pletion	\$0		Wel	l Total	\$75,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	P	BTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LO	CATION								
Start End	Hrs Activ	ity Desc	cription							
06:00 06:00	24.0 LOCA	TION ST	TARTED.							
10-09-2008 Re	ported By	T	ERRY CSERE							
DailyCosts: Drilling	\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Costs: Drilling	\$75,000		Con	pletion	\$0		Wel	l Total	\$75,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	P	BTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	CATION								
Start End	Hrs Activ	ity Desc	cription							
06:00 06:00	24.0 LOCA	TION 10	% COMPLETE							
10-10-2008 Re	ported By	В	YRON TOLMA	N						
DailyCosts: Drilling	\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Costs: Drilling	\$75,000		Con	npletion	\$0		Wel	l Total	\$75,000	
	TVD	٥		_	ъ	0	B 4337	0.0	Visc	0.0
$\mathbf{MD}$ 0	IVD	0	Progress	0	Days	0	MW	0.0	VISC	0.0
		BTD : (	J	0	Days Perf :	U	WIW	PKR De		0.0
Formation :	P	BTD:	0.0	0	·	U	WIW			0.0
Formation : Activity at Report Ti	P: me: BUILD LO	BTD:	0.0	0	·	U	WIW			0.0
Formation : Activity at Report Ti	P. me: BUILD LOO Hrs Activ	BTD : (CATION	0.0		·		WI W			0,0
Formation: Activity at Report Til Start End 06:00 06:00	P. me: BUILD LOO Hrs Activ	BTD: (CATION ity Description 25	0.0 cription		·	0	WI W			0,0
Formation: Activity at Report Til Start End 06:00 06:00 10-13-2008 Re	Pome: BUILD LOO Hrs Activ 24.0 LOCA	BTD: (CATION ity Description 25	0.0 cription 5% COMPLETE ERRY CSERE		·	0				
Formation: Activity at Report Till Start End 06:00 06:00 10-13-2008 Re DailyCosts: Drilling	Pome: BUILD LOC Hrs Activ 24.0 LOCA eported By	BTD: (CATION ity Description 25	0.0 cription 5% COMPLETE ERRY CSERE Con		Perf:		Dail	PKR De	<b>pth</b> : 0.0	
Formation: Activity at Report Till Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LOCA  Hrs Activ  24.0 LOCA  corred By  \$0	BTD: (CATION ity Description 25	0.0 cription 5% COMPLETE ERRY CSERE Con	npletion	Perf:	. 0	Dail	PKR De	<b>pth:</b> 0.0	0.0
Formation: Activity at Report Tile Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LOCA  Hrs Activ 24.0 LOCA  ported By \$0 \$75,000	BTD : (CATION ity Description 25	0.0 cription 5% COMPLETE ERRY CSERE Con Con Progress	apletion	Perf: \$0 \$0		Dail Wel	PKR De	\$0 \$75,000 Visc	
Formation: Activity at Report Til Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation:	me: BUILD LOCA Hrs Activ 24.0 LOCA eported By \$0 \$75,000 TVD	BTD: (CATION ity Description 25	cription 6% COMPLETE ERRY CSERE Con Con Progress	apletion	\$0 \$0 <b>Days</b>		Dail Wel	PKR De	\$0 \$75,000 Visc	
Formation: Activity at Report Til Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Til	me: BUILD LOCA  Hrs Activ 24.0 LOCA  sported By \$0 \$75,000  TVD  P me: BUILD LOCA	BTD: (CATION 25 TO 0 BTD: (CATION CATION 25	cription 6% COMPLETE ERRY CSERE Con Con Progress	apletion	\$0 \$0 <b>Days</b>		Dail Wel	PKR De	\$0 \$75,000 Visc	
Formation: Activity at Report Til Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Til	me: BUILD LOCA  Hrs Activ 24.0 LOCA  ported By \$0 \$75,000  TVD  P me: BUILD LOC  Hrs Activ	BTD: (CATION 25 TION 25 TO  BTD: (CATION ity Description 1)	0.0 cription 6% COMPLETE ERRY CSERE Con Con Progress 0.0	npletion npletion 0	\$0 \$0 <b>Days</b>		Dail Wel	PKR De	\$0 \$75,000 Visc	
Formation: Activity at Report Til Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Til Start End 06:00 06:00	me: BUILD LOCA  Hrs Activ 24.0 LOCA  ported By \$0 \$75,000  TVD  P me: BUILD LOC  Hrs Activ	BTD: (CATION 25 TO 0 BTD: (CATION 30 ity Description 30	cription 6% COMPLETE ERRY CSERE Con Con Progress 0.0	npletion npletion 0	\$0 \$0 <b>Days</b>		Dail Wel	PKR De	\$0 \$75,000 Visc	
Formation: Activity at Report Til Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Til Start End 06:00 06:00	me: BUILD LOCA Prorted By  \$0  \$75,000  TVD  Profe: BUILD LOCA  Hrs Activ  24.0 LOCA	BTD: (CATION 25 TO 0 BTD: (CATION 30 ity Description 30	cription 6% COMPLETE ERRY CSERE Con Progress 0.0 Cription 9% COMPLETE	npletion npletion 0	\$0 \$0 <b>Days</b>		Dail Wel MW	PKR De	\$0 \$75,000 Visc	
Formation: Activity at Report Tin Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  10-14-2008 Re DailyCosts: Drilling	me: BUILD LOCA Ported By \$0 \$75,000  TVD Pome: BUILD LOCA Hrs Activ 24.0 LOCA Ported By	BTD: (CATION 25 TO 0 BTD: (CATION 30 ity Description 30	20.0 cription 6% COMPLETE ERRY CSERE Con Progress 20.0 Cription 2% COMPLETE ERRY CSERE Con	npletion  0	\$0 \$0 Days Perf:		Dail Wel MW Dail	PKR De	\$0 \$75,000 Visc pth: 0.0	
Formation: Activity at Report Tin Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  10-14-2008 Re	me: BUILD LOCA Ported By  \$0 \$75,000  TVD  P me: BUILD LOCA Ported By  24.0 LOCA Ported By  \$80 \$75,000	BTD: (CATION 25 TO 0 BTD: (CATION 30 ity Description 30	20.0 cription 6% COMPLETE ERRY CSERE Con Progress 20.0 Cription 2% COMPLETE ERRY CSERE Con	npletion 0	\$0 \$0 Days Perf:		Dail Wel MW Dail	PKR De	\$0 \$75,000 Visc pth: 0.0	
Formation: Activity at Report Tin Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  10-14-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LOCA ported By  \$0 \$75,000  TVD  me: BUILD LOCA ported By  \$24.0 LOCA ported By  \$25,000  TVD  TVD  Prime: BUILD LOCA ported By  \$0 \$75,000  TVD	BTD: (CATION 25 TO 0 BTD: (CATION 30 TO 30	cription  6% COMPLETE ERRY CSERE Con Progress 0.0  Cription 0% COMPLETE ERRY CSERE Con Con Progress	npletion  0  npletion npletion	\$0 \$0 Days Perf:	0	Dail Wel MW Dail	PKR De	\$0 \$75,000 Visc pth: 0.0	0.0
Formation: Activity at Report Tile Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tile Start End 06:00 06:00  10-14-2008 Re DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling Com Costs: Drilling Cum Costs: Drilling MD 0 Formation:	me: BUILD LOCA ported By  \$0 \$75,000  TVD  Period BUILD LOCA ported By  \$24.0 LOCA ported By  \$0 \$75,000  TVD  Professor BUILD LOCA ported By  \$0 \$75,000  TVD	BTD: (CATION 25 TO CATION 25 TO CATION 30 TO TO CATION 30	cription  SW COMPLETE ERRY CSERE Con Progress  OO Cription OW COMPLETE ERRY CSERE Con Con Progress	npletion  0  npletion npletion	\$0 \$0 Days Perf:	0	Dail Wel MW Dail	PKR De	\$0 \$75,000 Visc pth: 0.0	0.0
Formation: Activity at Report Tin Start End 06:00 06:00  10-13-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  10-14-2008 Re DailyCosts: Drilling	me: BUILD LOCA  Ported By  \$0  \$75,000  TVD  Prime: BUILD LOCA  Sported By  \$0  \$75,000  TVD  Prime: BUILD LOCA  Ported By  \$0  \$75,000  TVD  Prime: BUILD LOCA  Prime: BUILD LOCA	BTD: (CATION 25  TO 0  BTD: (CATION 30  TO 0  BTD: (CATION 30  TO 0  BTD: (CATION 30  CATION 30  CATION 30	cription  SW COMPLETE ERRY CSERE Con Progress  OO Cription OW COMPLETE ERRY CSERE Con Con Progress	npletion  0  npletion npletion	\$0 \$0 Days Perf:	0	Dail Wel MW Dail	PKR De	\$0 \$75,000 Visc pth: 0.0	0.0

DailyCost	s: Drilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Cost	ts: Drilling	\$75,000	)	Com	pletion	\$0		Well	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	]	<b>PBTD</b> : 0.	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: BUILD LO	CATION								
Start	End	Hrs Acti	vity Desc	ription							
06:00	06:00	OF 1	4" CONDU	% COMPLETE. JCTOR. CEMEN ID MICHAEL L	NT TO SU	RFACE WITH	READY M	IIX. JERRY I	BARNES NO		
10-16-20	08 Re	ported By	TE	ERRY CSERE							
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Daily	y Total	\$0	
Cum Cost	s: Drilling	\$75,000	)	Com	pletion	\$0		Well	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n :	J	<b>PBTD</b> : 0.	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: BUILD LO	CATION								
Start	End	Hrs Acti	vity Desci	ription							
06:00	06:00	24.0 ROC	KED OUT.	DRILLING RO	OCK.						
0-17-20	08 Re	ported By	TE	ERRY CSERE							
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Daily	y Total	\$0	
Cum Cost	s: Drilling	\$75,000	)	Com	- pletion	\$0		Well	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	1:	1	<b>PBTD</b> : 0.	0		Perf:			PKR De	pth : 0.0	
Activity a	t Report Ti	ne: BUILD LO	CATION								
Start	End	Hrs Acti	vity Desci	ription							
06:00	06:00	24.0 DRII	LING RO	CK.							
0-20-20	08 Re	ported By	TE	RRY CSERE							_
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Daily	<b>Total</b>	\$0	
Cum Cost	s: Drilling	\$75,000	)	Com	pletion	\$0		Well	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
ormation	1:	J	<b>PBTD</b> : 0.	0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	ne: BUILD LO	CATION								
Start	End	Hrs Acti	vity Desci	ription							
06:00	06:00	24.0 WAI	TING ON F	POWDER.							
0-21-20	08 Re	ported By	TE	ERRY CSERE							
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Daily	y Total	\$0	
•	s: Drilling	\$75,000	)		pletion	\$0		-	Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
 Formation	1:		<b>PBTD</b> : 0.			Perf:			PKR De		
		ne: BUILD LC				-				· · · · · · · · · ·	
•	=										
Start	End	Hrs Acti	vity Desci	ribtion							

10-22-2008	Reported By	TERRY CSERE							
DailyCosts: Drillin	<b>g</b> \$0	Comp	letion	\$0		Daily Tota	ıl	\$0	
Cum Costs: Drillin	g \$75,000	Comp	letion	\$0		Well Total		\$75,000	
<b>MD</b> 60	TVD	O Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	<b>D</b> : 0.0		Perf:		PK	R Dep	t <b>h:</b> 0.0	
Activity at Report	Time: BUILD LOCAT	ION							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 SHOOTIN	IG TODAY.							
10-23-2008	Reported By	TERRY CSERE							
DailyCosts: Drillin	<b>g</b> \$0	Comp	letion	\$0		Daily Tota	ıl	\$0	
Cum Costs: Drillin	g \$75,000	Comp	letion	\$0		Well Total		\$75,000	
<b>MD</b> 60	TVD	O Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	<b>D</b> : 0.0		Perf:		PK	KR Dep	t <b>h:</b> 0.0	
Activity at Report	<b>Fime:</b> BUILD LOCAT	TON							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 SHOOTIN	IG TODAY.							
10-24-2008	Reported By	TERRY CSERE							
DailyCosts: Drillin	<b>g</b> \$0	Comp	letion	\$0		Daily Tota	d	\$0	
Cum Costs: Drillin	g \$75,000	Comp	letion	\$0		Well Total		\$75,000	
<b>MD</b> 60	TVD	60 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	<b>D</b> : 0.0		Perf:		PK	KR Dep	t <b>h:</b> 0.0	
Activity at Report	Time: BUILD LOCAT	CION							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 PUSHING	OUT PIT.							
10-27-2008	Reported By	TERRY CSERE							
DailyCosts: Drillin	<b>g</b> \$0	Comp	letion	\$0		Daily Tota	ıl	\$0	
Cum Costs: Drillin	g \$75,000	Comp	letion	\$0		Well Total	I	\$75,000	
<b>MD</b> 60	TVD	60 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	<b>D</b> : 0.0		Perf:		Pk	KR Dep	<b>th:</b> 0.0	
Activity at Report	Time: LOCATION CO	OMPLETE/WO AIR RI	G						
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATIO	ON COMPLETE. WO	AIR RIG.						
10-31-2008	Reported By	LES FARNSWORT	H						
DailyCosts: Drillin	g \$245,049	Comp	letion	\$0		Daily Tota	d	\$245,049	
Cum Costs: Drillin	g \$320,049	Comp	letion	\$0		Well Total	I	\$320,049	
<b>MD</b> 2,548	TVD 2,	548 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	<b>D</b> : 0.0		Perf:		PF	KR Dep	<b>th</b> : 0.0	
Activity at Report	Time: WORT								
Start End	Hrs Activity	Description							

06:00 06:00

24.0 MIRU CRAIGS DRILLING RIG # 4 ON 10/25/2008. DRILLED 12—1/4" HOLE TO 2535'GL(2548'KB). ENCOUNTERED WATER @ 2120'. FLUID DRILLED HOLE FROM 2140' WITH NO LOSSES. RAN 54 JTS (2354.20') OF 9–5/8", 36.0#, K–55, LTC CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2367' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO CRAIGS RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1600 PSIG. PUMPED 184 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 200 SX (146 BBLS) OF PREMIUM LEAD CEMENT W/ 0.2% VARASET, 2% CALSEAL, & 2% EX-1. MIXED LEAD CEMENT @ 10.5 PPG W/YIELD OF 4.10 CF/SX.

TAILED IN W/ 300 SX (63 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED TAIL CEMENT TO 15.6 W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/181 BBLS FRESH WATER. BUMPED PLUG W/627# @ 1:16 PM, 10/29/2008. CHECKED FLOAT, FLOAT HELD. SHUT—IN CASING VALVE. BROKE CIRCULATION 168 BBLS INTO FRESH WATER FLUSH. HOLE FELL BACK WHEN PLUG BUMPED.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HRS. 20 MINUTES.

TOP JOB # 2: MIXED & PUMPED 150 SX (31 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS 4 TOOK SURVEYS WHILE DRILLING HOLE @ 1160'= 0.5 DEGREE & 2535'= BULLS EYE.

CONDUCTOR LEVEL RECORD: PS= 89.8 OPS= 89.7 VDS= 89.8 MS= 89.8 9.5/8 CASING LEVEL RECORD: PS= 89.9 OPS= 90.0 VDS= 89.9 MS= 89.9

DAN FARNSWORTH EMAILED NOTIFICATION TO BLM OF THE SURFACE CASING & CEMENT JOB ON  $10/26/2008 \otimes 8:30$  A.M.

11-12-20	08 Re	eported l	By D.	AVID FOREMA	N						
DailyCost	ts: Drilling	\$	86,172	Con	apletion	\$662		Dail	y Total	\$86,834	
Cum Cos	ts: Drilling	\$	406,221	Con	npletion	\$662		Well	Total	\$406,883	
MD	2,578	TVD	2,578	Progress	30	Days	1	MW	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: DRII	LLING@ 2578'								
Start	End	Hrs	Activity Desc	ription							
06:00	06:30	0.5	SAFETY MEE	TING W/ALL P	ERSONNE	EL ON RIG M	IOVE.				
06:30	11:00	4.5		STALL NIGHT AD TO 5000 PS NT TO RIG UP	I. W/ FMC	LOCK DOW	/N BOP. RA	ISE DERRIC			
			( NOTIFIED B)	LM VERNAL B	Y E∽MAII	L 11/11/08 FC	R BOP TES	T WELL CW	/U 747-7)		
11:00	17:00	6.0	RIG MAINTE	NANCE & WIN	TERIZINO	j.					
17:00	21:00	4.0	NIPPLE UP BO DAY WORK @	OP, ROT.HEAD, 17:00 HRS, 11		INE, KILL L	INE VALVE	S, HYD. HO	SES, FUNCTI	ON TEST BOI	2.

21:00	02:00	5.0 RIG UP B&C QUICK TEST,& TEST BOP.PIPE RAMS,BLIND RAMS,ALL KILL LINE VALVES,CHOKE LINE & MANIFOLD,HCR,KELLY UPPER & LOWER KELLY VALVES,SAFETY VALVE,DART VALVE,ALL TO 250 PSI LOW & 5000 PSI HIGH, ANNULAR 250 PSI LOW 2500 HIGH, SURFACE CSG.1500 PSI GOOD TEST. WITNESS ROBERT PICKERING B&C QUICK TEST,
02:00	03:30	1.5 MAKE UP MOTOR, BIT, TEST MOTOR, TRIP IN BHA & DRILL PIPE TAG @ 2318'.
		ACCIDENTS NONE REPORTED.
		SET & FUNCTION TEST CROWN-O-MATIC.
		SAFETY MEETING: TEAM WORK: HOUSEKEEPING.
		CREWS FULL.
•		FUEL ON HAND: 1318 GALS. USED 218 GALS.
03:30	04:30	1.0 DRILL CEMENT/FLOAT EQUIP F/ 2318' TO 2397' SHOE @ 2367'
04:30	05:00	0.5 PERFORMED FIT WITH 8.8 WT.280PSI @ 2397' EMW 11. GOOD TEST.
05:00	05:30	0.5 DRILL CEMENT, WASH/REAM F/ 2397' TO 2548'
05:30	06:00	0.5 DRILLING F/ 2548' TO 2578'
		MUD LOSS LAST 24 HRS. 0 BBLS.
		MUD WT. 8.8. VIS.27.
		ACCIDENTS NONE REPORTED.
		FUNCTION TEST CROWN-O-MATIC.
		SAFETY MEETING: MIXING CHEMICALS: RIG MOVE.
		CREWS FULL.
		FUEL ON HAND: 5614 GALS. USED 386 GALS, RECIEVED 6000 GALS.
		FORMATION TOP: GREENRIVER
		GAS BG. 323 U, CONN 847 U.

06:00 11-13-2008

Reported By

### SPUD A 7 7/8" HOLE WITH ROTARY TOOL @ 05:00 HRS, 11/12/08. By DAVID FOREMAN / MATT WILLIAMS

MUD LOGGER UNMANED ON LOCATION F/ 11/11/08.= 1 DAYS.

LITHOLOGY, SAND/SHALE %

DailyCost	s: Drilling	\$	33,499	Cor	mpletion	\$0		Dail	y Total	\$33,499	
Cum Cost	ts: Drilling	\$	439,721	Cor	mpletion	\$662		Well	Total	\$440,383	
MD	5,090	TVD	5,090	Progress	2,512	Days	2	MW	8.7	Visc	27.0
Formation	n:		<b>PBTD</b> : 0.	0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: DRI	ILLING @ 5090'								
Start	End	Hrs	Activity Desc	ription							
06:00	15:00	9.0	DRILL ROTATI	E F/ 2578' TO	3621', ROP	115, WOB 12	/18, RPM 40	0/55, TQ 500	0/10500.		
15:00	15:30	0.5	SERVICE RIG.								
15:30	23:00	7.5	DRLG F/ 3621'	TO 4527', RO	P 120, WOE	3 15/20, RPM	40/50, TQ 6	500/10,500,	MWT 9.8.		
23:00	00:00	1.0	TAKE WIRELI	NE SURVEY (	@ 4475', = 1	DEGREE.					
00:00	06:00	6.0	DRLG F/ 4527'	TO 5090', RO	P 94, WOB	15/18, RPM 4	0/50, TQ 67	'00/10650, M	IWT 9.9, VIS	39.	
			MUD LOSS LA	ST 24 HRS. 0	BBLS.						
			MUD WT. 9.9.	VIS.39.							
			ACCIDENTS N	ONE REPORT	TED.						

FUNCTION TEST CROWN-O-MATIC.

SAFETY MEETING: MIXING CHEMICALS: RIG SERVICE.

CREWS FULL.

FUEL ON HAND: 3739 GALS. USED 1875 GALS, RECIEVED 0 GALS.

FORMATION TOP: CHAPITA WELLS

GAS BG. 65 U, CONN 220 U.

LITHOLOGY, SAND/SHALE %

MUD LOGGER UNMANNED ON LOCATION F/ 11/11/08.= 2 DAYS.

11-14-20	008 R	eported By	M	IATT WILLIAN	ИS						
DailyCos	ts: Drilling	\$31,435	5	Cor	npletion	\$0		Daily	y Total	\$31,435	
Cum Cos	ts: Drilling	\$468,08	34	Cor	npletion	\$662		Well	Total	\$468,746	
MD	6,700	TVD	6,700	Progress	1,610	Days	3	MW	10.2	Visc	37.0
Formatio	n:	I	<b>PBTD</b> : 0	.0		Perf:			PKR De <sub>l</sub>	p <b>th:</b> 0.0	
Activity a	ıt Report Ti	me: DRILLING	i @ 6700'								
Start	End	Hrs Activ	vity Desc	ription							
06:00	12:00	6.0 DRL	G F/ 5090	TO 5682', RO	P 98, WOB	15/20, RPM 4	0/50, TQ 65	00/11000.			
12:00	12:30	0.5 SERV	/ICE RIG.								
12:30	06:00	17.5 DRL	G F/ 5682	TO 6700', ROI	P 58, WOB	15/22, RPM 4	0/50, TQ 50	00/11,000, M	IWT 10.5, VIS	\$ 39.	
		MUE	LOSS LA	AST 24 HRS. 0	BBLS.						
		MUD	WT. 10.5	. VIS.39.							
		ACC	IDENTS N	IONE REPORT	ED.						
		FUN	CTION TE	ST CROWN-C	-MATIC.						
		SAFI	ETY MEE	TING: LOADIN	NG PIPE RA	ACKS.					
		CRE	WS FULL	,							
		FUEI	L ON HAN	ID: 2463 GALS	s. USED 12	67 GALS, RE	CIEVED 0	GALS.			
		FOR	MATION T	TOP: NORTH I	IORN.						
		GAS	BG. 50 U	CONN 220 U.							
		LITH	OLOGY,	SAND/ SHALI	Ε %						
_	_	MUD	LOGGEI	R UNMANED (	ON LOCAT	ION F/ 11/11/	08.= 3 DAY	S.			
1-15-20	008 R	eported By	M	IATT WILLIAN	MS						
DailyCos	ts: Drilling	\$45,733	3	Cor	npletion	\$0		Daily	y Total	\$45,733	
Cum Cos	ts: Drilling	\$513,81	17	Cor	npletion	\$662		Well	Total	\$514,479	
MD	7,320	TVD	7,320	Progress	620	Days	4	MW	10.3	Visc	37.0
Formatio	n :	J	<b>PBTD</b> : 0	.0		Perf:			PKR De <sub>l</sub>	p <b>th :</b> 0.0	
Activity a	t Report Ti	me: LD DP									
Start	End	Hrs Activ	vity Desc	ription							
06:00	15:00	9.0 DRL	G F/ 6700'	TO 7062', ROI	9 40, WOB	18/22, RPM 4	0/50, TQ 75	00/11,500.			
15:00	15:30	0.5 SERV	/ICE RIG.								
15:30	20:30	5.0 DRL	G F/ 7062	TO 7320', ROI	P 51, WOB	20/22, RPM 4	5, TQ 7500/	11,000, MW	T 10.8, VIS 39	).	
		TD R	EACHED	@ 20:30, 11/14	1/08.						
20:30	22:00	1.5 CID.	THE ATTE A	ND COND MU	ID EOD GH	ODT TDID W	EICUT I D	TO 11 DDG			
20:30	22:00	1.5 CIRC	ULAIEA	TAD COMP IMC	D FOR SE	OKI IKIP, W	LIORI OP	TO IT FFG.			

22:00	00:00	2.0 SHORT TRIP TO 6120'.
00:00	04:00	4.0 CIRCULATE, BUILD AND PUMP 220 BBL, 13.5 PPG PILL, = 12 PPG EMW.
04:00	06:00	2.0 TRIP OUT OF HOLE LAYING DOWN DRILL PIPE.
		MUD LOSS LAST 24 HRS. 0 BBLS.

MUD WT. 11.0. VIS.39.

ACCIDENTS NONE REPORTED.

FUNCTION TEST CROWN-O-MATIC.

SAFETY MEETING: UNLOADING CASING, OPERATING BOOM.

CREWS FULL.

FUEL ON HAND: 1112 GALS. USED 1351 GALS, RECIEVED 0 GALS.

FORMATION TOP: PRICE RIVER. GAS BG. 50 U, CONN 220 U. LITHOLOGY, SAND/ SHALE %

MUD LOGGER UNMANED ON LOCATION F/ 11/11/08.= 4 DAYS.

11-16-200	)8 R	eported By	M	IATT WILLIAM	IS						
DailyCosts	s: Drilling	\$57,3	45	Com	pletion	\$152,012		Dail	y Total	\$209,357	
Cum Costs	s: Drilling	\$571	163	Com	pletion	\$152,674		Well	l Total	\$723,837	
MD	7,320	TVD	7,320	Progress	0	Days	5	MW	10.6	Visc	56.0
Formation	:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: RDRT/V	O COMPLI	ETION							
Start	End	Hrs Ac	tivity Desc	ription							
06:00	11:30	5.5 TR	IP OUT OF	HOLE LAYING	DOWN D	P. AND BHA.	PULL WI	EAR BUSHIN	1G.		
11:30	20:00	CC SH	LLAR, 13 J OE @ 7308	14.5 11.6# N-80 FTS. CSG, 1 MA F, FLOAT COLL #2 & EVERY 3	RJER JT, : AR @ 726	53 JTS.CSG, 1 N 4', MARKER J	MARKER T @ 6693	JT, 102 JTS 3, AND 4399	CSG & HAN ', CENTRAL	GER ASSEMB IZERS 5 FT. Al	LY. FLOAT
20:00	20:30	0.5 CII	RCULATE &	ն LD TAG JT. PU	J DOT HA	NGER, LAND	CSG WIT	H 65,000#. R	R/D CALIBER	. CSG EQUIP.	
20:30	21:00	0.5 SA	FETY MTG	W/SCHLUMBI	ERGER &	RIG PERSONN	EL, RU C	EMENTING	EQUIP.		
21:00	23:00	SP. D0 D1 50/ S0 L11 FU	ACER AHEA 20 10%EXT 30 .125LB/S 50 POZ G + 01 1% ACCE NES DROP T LL RETURI	LINES TO 5000 AD OF LEAD AI ENDER D167 .2 EN BLEND LOS ADDS. D020 29 ELERATOR. YIE TOP PLUG & DI NS THROUGH G IS HOLD PRESS	ND CEME 2% FLUID T CIRC. Y % EXTEN 3LD 1.29 F ISP. TO FL OUT JOB.	NT 7320' 4 1/2 LOSS D046.2% IELD 2.26 FT3/ DER D046 .1% 'T3/SK H20 5.94 OAT COLLAR DROP PLUG @	N-80 11 6 ANTIFO SK H20 1 ANTIFO 4 GAL/SH W/FRES 0 13:24 B	.6# CSG. LE DAM D013 .5 2.9 GAL/SK AM D167 .2% C @ 14.1 PPC H WATER.11 UMPED PLU	EAD 153 BBL: W RATARDE (@ 11.10.PPG 6 FLUID LOS G. SHUTDOW 5 BBLS. AVG UG (@ 22:23 T	S 380 SKS. G + R D065 .5% D1 TAIL. 203 BBI S D065 .2% D N WASH OUT G DISP. RATE S O 2800 PSI 100	ADDS. ISPERSANT LS 885 SKS ISPERSANT PUMPS & B BPM, 00 PSI
23:00	00:00	1.0 W/	O CEMENT	& RIG DOWN	SCHLUM	BERGER.					
00:00	01:00		MOVE CEN	MENT HEAD. L. S W/ FMC.	AY DOWN	I LANDING JT.	LAND P	ACKOFF TE	ST 5000 PSI.	LOOSEN DTO	LOCK
01:00	04:00	3.0 NI	PPLE DOW	N BOPE AND C	LEAN TA	NKS. RELEASI	E RIG @	04:00 HRS, 1	1/16/08.		
04:00	06:00	2.0 R/J	) PREPARI	E FOR RIG MOV	VE. RIG M	OVE 1.1 MILE	S TO CW	U 1212–12.			

ACCIDENTS NONE REPORTED.

FUNCTION TEST CROWN-O-MATIC.

SAFETY MEETING: RUN CSG, RIG MOVE.

CREWS FULL.

FUEL ON HAND: 732 GALS. USED 380 GALS, 0 GAL RECIEVED.

MUD LOGGER UNMANED ON LOCATION F/ 11/11/08 TO 11/15/08 = 5 DAYS.

END OF WELL COST; \$689,606.

06:00

RELEASE RIG @ 04:00 HRS, 11/16/08.

CASING POINT COST \$ 544,897.

11-22-2008	Re	ported By	M	ICCURDY							
DailyCosts: Dr	illing	\$0		Co	mpletion	\$42,306		Daily	Total	\$42,306	
Cum Costs: Dr	illing	\$571,	,163	Co	mpletion	\$194,980		Well 7	Total	\$766,143	
MD 7	7,320	TVD	7,320	Progress	0	Days	6	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at Ren	ort Ti	ma: WO COI	MPI ETION								

Activity at Report Time: WO COMPLETION

Start End

End

Hrs Activity Description

06:00 06:00

24.0 11/19/08 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 200'. EST CEMENT TOP @ 450'. RD SCHLUMBERGER.

#### NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

12-16-20	008 R	eported By	R	ITA THOMAS							
DailyCost	ts: Drilling	\$0		Con	npletion	\$112,147		Daily	Total	\$112,147	
Cum Cos	ts: Drilling	\$57	1,163	Con	npletion	\$307,127		Well 7	<b>Fotal</b>	\$878,290	
MD	7,320	TVD	7,320	Progress	0	Days	7	MW	0.0	Visc	0.0
Formatio	n:		PBTD:	0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity a	ıt Report Ti	ime: FACIL	ITY COST								
Start	End	Hrs A	ctivity Desc	cription							
06:00	06:00	24.0 F	ACILITY CO	ST \$112,147							
01-06-20	009 R	eported By	K	ERN							
DailyCost	ts: Drilling	\$0		Con	npletion	\$25,884		Daily	Total	\$25,884	
Cum Cos	ts: Drilling	\$57	1,163	Con	npletion	\$333,011		Well 7	<b>Cotal</b>	\$904,174	
MD	7,320	TVD	7,320	Progress	0	Days	8	MW	0.0	Visc	0.0
Formatio	n: WASATO	СН	<b>PBTD</b> : 7	7264.0		<b>Perf</b> : 6617'-	-7090 <b>'</b>		PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity a	it Report Ti	ime: FRAC	WASATCH								
Start	End	Hrs A	ctivity Desc	cription							
06:00	06:00	70 D 8.	054'–55', 707 OWN CASIN	'2'-73', 7083'-8 IG W/ 165 GAL SAND @ 1-4 Pl	34', 7088'– GYPTROI	RATE NH FROM 90' @ 3 SPF @ N T-106, 6326 G 536 PSIG. MTR	120° PHA AL WF1	ASING. RDWI 20 LINEAR 1#	L. MIRU SC # & 1.5#, 242	HLUMBERGEF 260 GAL YF116	R, FRAC ST+ W/

RUWL SET 6K CFP AT 6940'. PERFORATE Ba/NH FROM 6617'-19', 6628'-30', 6660'-61', 6686'-87', 6712'-14', 6805'-06', 6815'-17', 6898'-99' @ 3 SPF @ 120' PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 8409 GAL WF120 LINEAR 1# & 1.5# SAND, 17196 GAL YF116ST+ W/ 63800 # 20/40

SAND @ 1-4 PPG. MTP 6447 PSIG. MTR 50.1 BPM. ATP 4182 PSIG. ATR 42.6 BPM. ISIP 2200 PSIG. RD

SCHLUMBERGER. SWIFN

01-07-2009	Rep	orted By	KI	ERN							
DailyCosts: D	rilling	\$0		Com	pletion	\$152,053		Daily	Total	\$152,053	
Cum Costs: D	rilling	\$571,	163	Com	pletion	\$485,064		Well 7	<b>Total</b>	\$1,056,227	
MD	7,320	TVD	7,320	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation : \	VASATCH	I	<b>PBTD</b> : 7	264.0		Perf: 5177'-	7090'		PKR Dep	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU

### Start End Hrs Activity Description

06:00 06:00

24.0 SICP 1350 PSIG. RUWL. SET 6K CFP AT 6590'. PERFORATE Ba FROM 6250'-51', 6262'-63', 6272'-73', 6321'-22', 6342'-43', 6350'-51', 6377'-78', 6406'-07', 6418'-20', 6444'-45', 6564'-65' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/10507 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 13696 GAL YF116ST+ W/54700# 20/40 SAND @ 1-4 PPG. MTP 4981 PSIG. MTR 49.1 BPM. ATP 3891 PSIG. ATR 43.7 BPM. ISIP 1850 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 6200'. PERFORATE Ba/Ca FROM 5910'-11', 5991'-92', 5999'-00', 6006'-07', 6015'-16', 6021'-22', 6058'-59', 6111'-12', 6129'-30', 6135'-36', 6149'-50', 6158'-59' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/10532 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 14269 GAL YF116ST+ W/56400# 20/40 SAND @ 1-4 PPG. MTP 5974 PSIG. MTR 51.1 BPM. ATP 3702 PSIG. ATR 44.8 BPM. ISIP 1500 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 5770'. PERFORATE Ca/Pp FROM 5282'–84', 5355'–56', 5422'–23', 5469'–70', 5596'–98', 5621'–23', 5695'–97', 5741'–42' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/10528 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 14895 GAL YF116ST+ W/60000# 20/40 SAND @ 1–4 PPG. MTP 6272 PSIG. MTR 54.5 BPM. ATP 3879 PSIG. ATR 45.2 BPM. ISIP 2400 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 5210'. PERFORATE Pp FROM 5177'-79', 5182'-84', 5186'-88', 5191'-93' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/4224 GAL WF120 LINEAR W/1.5# 20/40 SAND, 3257 GAL YF116ST+ W/14200 # 20/40 SAND @ 1-3 PPG. RAN OUT OF SAND BEFORE STARTING THE 4 PPA SAND STAGE. OVER FLUSH BY 100 BBL AND PREP TO RE—FRAC. RU SCHLUMBERGER, FRAC DOWN CASING W/2117 GAL WF120 LINEAR W/1.5# SAND, 11234 GAL YF116ST+ W/37100# 20/40 SAND @ 1-4 PPG. MTP 5219 PSIG. MTR 53.4 BPM. ATP 4116 PSIG. ATR 43.5 BPM. ISIP 2850 PSIG. RD SCHLUMBERGER.

#### RUWL, SET 6K CBP AT 5079', RDWL, SDFN.

01-08-200	09 F	Reported H	Ву Н	IISLOP							
DailyCost	s: Drilling	\$0	)	•	Completion	\$21,608		Daily T	otal	\$21,608	
Cum Cost	ts: Drilling	\$ \$5	571,163	•	Completion	\$506,672		Well To	tal	\$1,077,835	
MD	7,320	TVD	7,320	Progres	ss 0	Days	10	MW	0.0	Visc	0.0
Formation	n: WASAT	СН	PBTD:	7264.0		<b>Perf</b> : 5177'-	7090'		PKR Dep	oth: 0.0	
A -43-344	4 Th 4 Th		AND OTHER APPE	D ED AC							
Activity at	t Keport 1	ime: CLE	AN OUT AFTE	K FRAC							
Start	End		Activity Des								
•	•	Hrs	Activity Des	<b>cription</b> MIRUSU. N	ND FRAC TREE	. NU BOP. RIH	W/BIT &	z PUMP OFF SI	UB TO 521	0'. RU TO DR	LL OUT
Start	End 06:00	Hrs	Activity Des	<b>cription</b> MIRUSU. N	ND FRAC TREE	. NU BOP. RIH	W/BIT &	L PUMP OFF ST	UB TO 521	0°. RU TO DR	LL OUT
Start 06:00	End 06:00 09 F	Hrs 24.0 Reported I	Activity Des SICP 0 PSIG. 1 PLUGS. SDFN By H	cription MIRUSU. N J. HISLOP	ND FRAC TREE	. NU BOP. RIH \$32,266	W/BIT &	z PUMP OFF SV		0'. RU TO DR \$32,266	LL OUT
Start 06:00 01-09-200	End 06:00  09 Fes: Drilling	Hrs 24.0 Reported I	Activity Des SICP 0 PSIG. 1 PLUGS. SDFN By H	cription MIRUSU. N I. IISLOP			W/BIT &		otal		LL OUT

Property: 062291

7,320 0.0 0.0 MD TVD 7,320 **Progress** MWDays 11 Visc Formation: WASATCH **PBTD:** 7264.0 Perf: 5177'-7090' PKR Depth: 0.0 Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 24.0 SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5079', 5210', 5790', 6200', 6590', & 6940'. RIH 06:00 06:00 CLEANED OUT TO 7188'. LANDED TUBING @ 5174' KB. ND BOP. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED 14 HRS. 64/64" CHOKE. FTP 100 PSIG. CP 200 PSIG. 50 BFPH. RECOVERED 840 BLW. 3360 BLWTR. TUBING DETAIL LENGTH PUMP OFF BIT SUB 0.91' 1 JT 2-3/8" 4.7# J-55 TBG [YB] 32.42' XN NIPPLE 1.30' 160 JTS 2-3/8" 4.7# J-55 TBG [YB] 5125.883 BELOW KB 13.00' LANDED @ 5173.51' KB 01-10-2009 Reported By HISLOP \$0 \$4,510 **Daily Total** \$4,510 DailyCosts: Drilling Completion **Cum Costs: Drilling** \$571,163 \$543,448 Well Total \$1,114,611 Completion MD 7,320 0 0.0 0.0 TVD 7,320 **Progress** Days 12 MW Visc Formation: WASATCH **PBTD:** 7264.0 Perf: 5177'-7090' PKR Depth: 0.0 Activity at Report Time: FLOW TESTING Start End Hrs **Activity Description** 06:00 24.0 FLOWED 24 HRS. 32/64 FTP 250 PSIG. CP 900 PSIG. 34 FPH. RECOVERED 825 BLW. 2835 BLWTR. 06:00 01-11-2009 HISLOP Reported By DailyCosts: Drilling \$0 Completion \$2,580 **Daily Total** \$2,580 \$1,117,191 **Cum Costs: Drilling** \$571,163 Completion \$546,028 Well Total MD 7,320 TVD 7,320 0 13 MW 0.0 Visc 0.0 **Progress** Days Formation: WASATCH Perf: 5177'-7090' PKR Depth: 0.0 **PBTD:** 7264.0 Activity at Report Time: FLOW TEST Start End **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS, 32/64" CHOKE. FTP 150 PSIG. CP 650 PSIG. 9 BFPH. RECOVERED 314 BLW. 2521 BLWTR. 01-12-2009 Reported By HISLOP DailyCosts: Drilling Completion \$2,580 **Daily Total** \$2,580 \$571,163 Completion \$548,608 Well Total \$1,119,771 **Cum Costs: Drilling** MD 7,320 TVD 0.0 0.0 7,320 14 MW Visc **Progress** Days Formation: WASATCH PBTD: 7264.0 Perf: 5177'-7090' PKR Depth: 0.0 Activity at Report Time: WO FACILITIES Start End **Activity Description** Hrs 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 150 PSIG. CP 600 PSIG. 6 BFPH. RECOVERED 171 BLW. 2350 BLWTR. SI. 06:00 06:00

WO FACILITIES.

### FINAL COMPETION DATE: 01/11/2009.

01-15-2009	Re	eported By	ע	UANE COOK							
DailyCosts: I	Drilling	\$0		Cor	mpletion	\$0		Daily	Total	\$0	
Cum Costs: I	Drilling	\$571	,163	Cor	mpletion	\$548,608		Well	Total	\$1,119,771	
MD	7,320	TVD	7,320	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation : '	WASATC	Н	<b>PBTD</b> : 7	7264.0		Perf: 5177'-	-7090'		PKR Dep	<b>pth:</b> 0.0	
Activity at Ro	eport Tiı	me: INITIAI	L PRODUCT	TION							
Start E	nd	Hrs A	ctivity Desc	cription							
06:00				DERTECONE OPE	ANING PRE	38811RE-TP 150	III PSIC <i>i X</i>	r CP 1550 PSD	(† THRNED		
06:00	06:00 Re	QU M	JESTAR SA ETER #8062	LES AT 10:30 F	HRS, 1/14/0	ESSURE: TP 150 9. FLOWED 164					
01-16-2009	Re	.QT	JESTAR SA ETER #8062	LES AT 10:30 F	HRS, 1/14/0			RATE ON 14,	/64" CHOKE		
01–16–2009 DailyCosts: I	Re Drilling	QU M eported By	UESTAR SA ETER #8062 A	LES AT 10:30 F LAN WATKINS	HRS, 1/14/0	9. FLOWED 164			/64" CHOKE	E. STATIC 370	
01—16—2009 DailyCosts: I Cum Costs: I	Re Drilling	Qt M eported By \$0	UESTAR SA ETER #8062 A	LES AT 10:30 F LAN WATKINS	HRS, 1/14/09	9. FLOWED 164 \$0		RATE ON 14,	/64" CHOKE	\$0	
01–16–2009 DailyCosts: I Cum Costs: I MD	Re Drilling Drilling 7,320	QV M. Sported By \$0 \$571	JESTAR SA ETER #8062 A ,163	LES AT 10:30 F LAN WATKINS Coi Coi Progress	HRS, 1/14/09 S mpletion mpletion	9. FLOWED 164 \$0 \$548,608	10 MCFD	RATE ON 14,  Daily  Well 1	/64" CHOKE  Total  Total	\$0 \$1,119,771 <b>Visc</b>	, QGM
01–16–2009 DailyCosts: I Cum Costs: I MD Formation: '	Re Drilling Drilling 7,320 WASATC	QU M. Sported By \$0 \$571 TVD	JESTAR SA ETER #8062 A ,163 7,320 PBTD : 7	LES AT 10:30 F LAN WATKINS Coi Coi Progress	HRS, 1/14/09 S mpletion mpletion	9. FLOWED 164 \$0 \$548,608 <b>Days</b>	10 MCFD	RATE ON 14,  Daily  Well 1	Total  Color  Total  0.0	\$0 \$1,119,771 <b>Visc</b>	, QGM
01–16–2009 DailyCosts: I Cum Costs: I MD Formation: ' Activity at Ro	Re Drilling Drilling 7,320 WASATC	QU M  sported By  \$0 \$571  TVD  H me: ON SAI	JESTAR SA ETER #8062 A ,163 7,320 PBTD : 7	LES AT 10:30 F LAN WATKINS Coi Progress 7264.0	HRS, 1/14/09 S mpletion mpletion	9. FLOWED 164 \$0 \$548,608 <b>Days</b>	10 MCFD	RATE ON 14,  Daily  Well 1	Total  Color  Total  0.0	\$0 \$1,119,771 <b>Visc</b>	, QGM



### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

	WELL	COMPI	LETION C	RRE	CO	MPLET	ION R	EPOR	T AND I	LOG			ease Serial No TU0343	),	
1a. Type o	f Well	Oil Well	l 🛛 Gas	Well	I	Ory 🗀	Other					6. If	Indian, Allot	tee or	Tribe Name
b. Type o	of Completion	Oth	New Well er	☐ Wo	ork Ov	er 🗖	Deepen	<b>□</b> P	lug Back	☐ Diff	. Resvr.		nit or CA Agr		nt Name and No.
2. Name of	f Operator RESOURCE	S. INC.	E	 Mail: I	MICK		MICKEN		ACKER GRESOUF	RCES.CC			ease Name an		II No. UNIT 747-07
	1060 E. H VERNAL,	WY 40					3a.	Phone	No. (includ 781-9145			9. A	PI Well No.		43-047-39941
4. Location			ion clearly ar	nd in ac	corda	nce with F	ederal req	uiremei	nts)*				Field and Poo		
At surfa			1866FEL 4			,						11. S	Sec., T., R., M	l., or E	Block and Survey R23E Mer SLB
		•	elow SW						i, 109.3669	31 W Lon	l	12. (	County or Par		13. State
At total  14. Date S		/SE 604F	SL 1866FE	L 40.04 ate T.D			9.36691		ate Complet	-ad			INTAH Elevations (D)	C VD	UT DT CL)*
10/14/2	2008			/14/200		neu				Ready to	Prod.	17. 1	4892	GL	, K1, GL)
18. Total D		MD TVD	7320			Plug Bacl		MD TVD		264	20. De	pth Bri	dge Plug Set:		ID VD
RŠT/C	BL/CCL/VD	L/GR	nical Logs R	D		opy of eac	ch)		·	Wa	s well core s DST run' ectional Su	?	No □	Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	ort all strings						<del></del>		<del>-   -   -   -   -   -   -   -   -   -  </del>				
Hole Size	Size/G		Wt. (#/ft.)	(M)	•	Botton (MD)	-	Cement Depth		of Sks. & of Cemen	Slurry t (BE		Cement To	p*	Amount Pulled
12.250	1	325 K-55				23			<del> </del>		50			0	
7.875	4.5	500 N-80	11.6	<b>-</b>		/3	808			12	65			450	
24. Tubing	Pagard		<u> </u>	L			L							Į.	
	Depth Set (M	(D) P	acker Depth	(MD)	Si	ze D	epth Set (I	MD)	Packer De	nth (MD)	Size	De	pth Set (MD)	Р	acker Depth (MD)
2.375		5174	weiter 15 open	(1.12)			<u> </u>		T donor 25 c	per (mp)	5120		par ser (IVIS)	╅	acard Dopin (MD)
25. Produci	ng Intervals						26. Perfor	ation Re	ecord [	5177					
	ormation	1.5011	Тор		Во	ttom	I	Perforate	ed Interval	.0 =000	Size	<u> </u>	lo. Holes		Perf. Status
A) B)	WASA	ATCH		5177		7090	·			O 7090 O 6899			3		
C)	· · · · · · · · · · · · · · · · · · ·	_		$\dashv$						O 6565		-	3		
D)										O 6159			3		
			ment Squeeze	e, Etc.											
	Depth Interva		090 30,751 (	24160	E O E I	LEDWAT	TED 9 05 1		Amount and	d Type of	Material_				
			899 25,770 (												
			565 24,203 (												
			159 24,801 (									-			
	ion - Interval	<del>,                                     </del>													
Date First roduced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL		Gravity rr. API	Gas Gra		Producti	on Method		
01/14/2009	01/18/2009	24		0.0	-	323.0	80.0	<del></del>			······································		FLOWS	FRO	M WELL
lhoke ize	Tbg. Press. Flwg. 550	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	Gas Rat	s:Oil io	Wel	l Status				
14/64	SI	850.0		0		323	80	1			PGW				
28a. Produc	tion - Interva		Test	Oil	- 1,	Gas	Water	Lou	Gravity	Ice		Drodus:	on Mathe d		
roduced	Date	Hours Tested	Production	BBL		MCF	BBL		Gravity rr. API	Gas Gra	rity	rioaucu	on Method		
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	Gas Rat	s:Oil io	Wel	Status				

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #67408 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

FEB 2 3 2009

28b. Pro	duction - Inter	val C		<del></del>		<del></del>	<del></del>		<del></del> .		· · · · · · · · · · · · · · · · · · ·
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Well Status	<u></u>	
28c. Pro	duction - Inter	val D			·• · · · · · · · · · · · · · · · · · ·		<u> </u>	· · · · · ·			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Well Status		
29. Dispo	osition of Gas(	Sold, used	for fuel, ven	ed, etc.)			•		,		
30. Sumi	nary of Porous	zones of po	orosity and c	ontents there	eof: Cored e tool open	intervals and a	ll drill-stem shut-in pressu	res	31. For	mation (Log) Markers	
	Formation		Тор	Bottom		Description	s, Contents, e	etc.		Name	Top  Meas. Depth
32. Addit	ional remarks	(include pl	5177	7090 edure):					BIR MA UTI WA CH. BU	EEN RIVER RDS NEST ZONE HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON ICE RIVER	1810 1962 2492 4675 4802 5385 6064 7105
1. El-	e enclosed atta ectrical/Mecha ndry Notice fo	nical Logs	•	• /		Geologic F     Core Analy	-	<u> </u>	3. DST Rep 7 Other:	port 4. Directi	onal Survey
34. I here	by certify that	the foregoi	ing and attac	hed informa	tion is con	nplete and corre	ect as determi	ned from	all available	records (see attached instruct	ions):
	-,,			ronic Subm	ission #67	408 Verified h ESOURCES, I	y the BLM V	Well Info	rmation Syst	•	aono).
Name	(please print)	MICKENZ	ZIE THACK	ER			Title	OPERA	TIONS CLE	RK	
Signa	ture <b>W</b>	CHELLA	b 64 pmiss	saely	)		Date	02/19/20	009		
Title 18 U of the Un	J.S.C. Section ited States any	1001 and T false, fictit	itle 43 U.S.0	C. Section 12 alent stateme	212, make ents or repr	it a crime for a resentations as	ny person kno to any matter	owingly a within its	and willfully t s jurisdiction.	to make to any department or	agency

### Chapita Wells Unit 747-07 - ADDITIONAL REMARKS (CONTINUED):

### 26. PERFORATION RECORD

5282-5742	3/spf
5177-5193	3/spf

### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

,	
5282-5742	25,423 GALS GELLED WATER & 60,000# 20/40 SAND
5177-5193	20,832 GALS GELLED WATER & 51,300# 20/40 SAND

Perforated the North Horn from 6970'-71', 6986'-87', 7001'-03', 7012'-14', 7036'-37', 7054'-55', 7072'-73', 7083'-84', 7088'-90' w/ 3 spf.

Perforated the North Horn/Ba from 6617'-19', 6628'-30', 6660'-61', 6686'-87', 6712'-14', 6805'-06', 6815'-17', 6898'-99' w/ 3 spf.

Perforated the Ba from 6250'-51', 6262'-63', 6272'-73', 6321'-22', 6342'-43', 6350'-51', 6377'-78', 6406'-07', 6418'-20', 6444'-45', 6564'-65' w/ 3 spf.

Perforated the Ba/Ca from 5910'-11', 5991'-92', 5999'-6000', 6006'-07', 6015'-16', 6021'-22', 6058'-59', 6111'-12', 6129'-30', 6135'-36', 6149'-50', 6158'-59' w/ 3 spf.

Perforated the Ca/Pp from 5282'-84', 5355'-56', 5422'-23', 5469'-70', 5596'-98', 5621'-23', 5695'-97', 5741'-42' w/ 3 spf.

Perforated the Pp from 5177'-79', 5182'-84', 5186'-88', 5191'-93' w/ 3 spf.

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### REPORT OF WATER ENCOUNTERED DURING DRILLING

API number:       4304739941         Well Location:       QQ SWSE Section 7 Township 9S Range 23E County UINTAH         Well operator:       EOG         Address:       1060 E HWY 40         city VERNAL state UT zip 84078 Phone:       (435) 781-9111         Drilling contractor:       CRAIGS ROUSTABOUT SERVICE	
Well operator:         EOG           Address:         1060 E HWY 40           city VERNAL         state UT zip 84078         Phone: (435) 781-9111           Drilling contractor:         CRAIGS ROUSTABOUT SERVICE	
Address:         1060 E HWY 40           city VERNAL         state UT zip 84078         Phone: (435) 781-9111           Drilling contractor:         CRAIGS ROUSTABOUT SERVICE	
City VERNAL State UT Zip 84078 Phone: (435) 781-9111  Drilling contractor: CRAIGS ROUSTABOUT SERVICE	
Drilling contractor: CRAIGS ROUSTABOUT SERVICE	
70 70V ()	
Address: PO BOX 41	
city JENSEN state UT zip 84035 Phone: (435) 781-1366	
Water encountered (attach additional pages as needed):	
DEPTH VOLUME QUALITY FROM TO (FLOW RATE OR HEAD) (FRESH OR SA	
2,120 2,140 NO FLOW NOT KNOW	******
Formation tops: 1 2 3 3 (Top to Bottom)	

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUF	RCES		FORM 9						
	DIVISION OF OIL, GAS, AND M		3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0343						
	RY NOTICES AND REPORT		_	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS						
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 747-07						
2. NAME OF OPERATOR: EOG Resources, Inc.				<b>9. API NUMBER:</b> 43047399410000						
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N	N , Denver, CO, 80202		PHONE NUMBER: 1-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0604 FSL 1866 FEL OTR/OTR, SECTION, TOWNSH	IP RANGE MERIDIAN.			COUNTY: UINTAH						
	Township: 09.0S Range: 23.0E Meridian		STATE: UTAH							
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA										
TYPE OF SUBMISSION TYPE OF ACTION										
	ACIDIZE		ALTER CASING	CASING REPAIR						
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME						
,	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE						
▼ SUBSEQUENT REPORT  Date of Work Completion:	DEEPEN		FRACTURE TREAT	■ NEW CONSTRUCTION						
6/30/2009	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK						
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION						
Date of Spud.	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON						
DRILLING REPORT	☐ TUBING REPAIR	_	VENT OR FLARE	☐ WATER DISPOSAL						
Report Date:	WATER SHUTOFF	<u></u>	SI TA STATUS EXTENSION	APD EXTENSION						
	WILDCAT WELL DETERMINATION	1	OTHER	OTHER: Pit closure						
The reserve pit on t	he referenced location was on the APD procedure.	closed	on 6/30/2009 as per	Accepted by the Utah Division of Itah Section of Itah Section						
NAME (PLEASE PRINT) Mary Maestas	<b>PHONE NUMBI</b> 303 824-5526	ER	TITLE Regulatory Assistant							
SIGNATURE N/A			<b>DATE</b> 7/9/2009							

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

ISION	UF.	UIL,	GAS	AND	MININ

ENTITY ACTION FORM	UKI	4 1 1	~!1		•	·	_					
--------------------	-----	-------	-----	--	---	---	---	--	--	--	--	--

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

1060 East Highway 40

Manage

city Vernal

state UT zip 84078

Phone Number: (435) 781-9145

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-39940	CHAPITA WELLS UI	NIT 748-07	NESE	7	98	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment ective Date
C	17108	4905	9	/23/200	8	1/	1/09

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-39941	CHAPITA WELLS U	NIT 747-07	SWSE	7	98	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Sı	pud Da	te		y Assignment fective Date
С	17167	4905	10	0/14/200	08	17	1/09

Well 3

API Number	Weil Name		QQ	Sec	Twp	Rng	County
43-047-40474	3-047-40474 CHAPITA WELLS UN		NENW	33	98	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Sı	oud Da	te	Entity Assignment Effective Date	
С	17223	4905	12	2/23/200	)8	2	1/109

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED NOV 0 5 2009

Mickenzie Gates	
Name (Please Print) Signature Operations Clerk	11/4/2009
Title	Date



### United States Department of the Interior



### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO 3180 UT-922

October 13, 2009

Debbie Spears EOG Resources, Inc. 600 17<sup>th</sup> Street, Suite 1000N Denver, CO 80202

Re:

2<sup>nd</sup> Revision to the Consolidated

Wasatch Formation PA "A-H, J" Chapita Wells Unit

Uintah County, Utah

Dear Ms. Spears:

The 2<sup>nd</sup> Revision to the Consolidated Wasatch Formation PA "A-H, J", Chapita Wells Unit, CRS No. UTU63013BM, AFS No. 892000905BM, is hereby approved effective as of January 1, 2009, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The 2<sup>nd</sup> Revision of the Consolidated Wasatch Formation PA "A-H,J" results in the addition of 160.00 acres to the participating area for a total of 16,141.98 acres and is based upon the completion of the following wells as capable of producing unitized substances in paying quantities:

	7049	<i>V</i> 5		00000
WELL NO.	API NO.	LOCATION	LEASE NO.	trom
CWU 748-07	43-047-39940	NE1/4SE1/4, 7-9S-23E	UTU0343	17/08
CWU 747-07	43-047-39941	SW1/4SE1/4, 7-9S-23E	UTU0343	17167

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 2<sup>nd</sup> Revision to the Consolidated Wasatch Formation PA "A-H, J", Chapita Wells Unit, and the effective date.

If you have any questions pertaining to this matter, please contact Leslie Wilcken at (801)539-4112.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond Chief, Branch of Fluid Minerals

RECEIVED

OCT 26 2009

**Enclosure**